



1763 \$

AMENDMENT TRANSMITTAL LETTER

Docket No.
M4065.0353/P353-A

Application No.
09/982,954

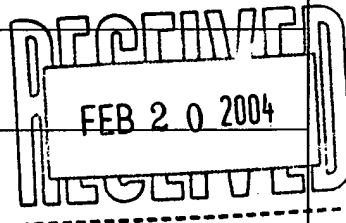
Filing Date
October 22, 2001

Examiner
Karla A. Moore

Art Unit
1763

Applicant(s): Gurtej Sandhu, et al.

Invention: ATOMIC LAYER DOPING APPARATUS AND METHOD



TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	15	- 20 =		x	0.00
Independent Claims	4	- 3 =	1	x 86.00	0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:					86.00

- ☒ Large Entity ☐ Small Entity
- ☐ No additional fee is required for this amendment.
- ☐ Please charge Deposit Account No. _____ in the amount of \$ _____.
A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \$ _____ to cover the filing fee is enclosed.
- ☒ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 04-1073
as described below. A duplicate copy of this sheet is enclosed.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.

Dated: February 12, 2004

Thomas J. D'Amico
Attorney Reg. No.: 28,371
DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP
2101 L Street NW
Washington, DC 20037-1526
(202) 828-2232

FEE TRANSMITTAL

for FY 2003

Effective 01/01/2003, Patent fees are subject to annual revision

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT	(\$)	506.00
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Complete if Known

Application Number	09/982,954
Filing Date	October 22, 2001
First Named Inventor	Gurtej Sandhu
Examiner Name	Karla A. Moore
Art Unit	1763
Attorney Docket No.	M4065.0353/P353-A

METHOD OF PAYMENT (check all that apply)

<input type="checkbox"/>	Check	<input checked="" type="checkbox"/>	Credit Card	<input type="checkbox"/>	Money Order	<input type="checkbox"/>	Other	<input type="checkbox"/>	None
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☐ Deposit Account

Deposit
Account
Number

04-1073

Deposit
Account
Name

Dickstein Shapiro Morin &
Oshinsky LLP

The Director is hereby authorized to: (check all that apply)

<input checked="" type="checkbox"/>	Charge fee(s) indicated below	<input checked="" type="checkbox"/>	Credit any overpayments
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☒ Charge any additional fee(s) during the pendency of this application

☒ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity
<p>1. Revenue Recognition</p> <p>Large entities use the percentage of completion method for long-term contracts, recognizing revenue as work progresses. Small entities often use the cost of sales method, recognizing revenue only when the contract is completed.</p>	<p>1. Revenue Recognition</p> <p>Small entities typically use the cost of sales method for long-term contracts, recognizing revenue only when the contract is completed.</p>
<p>2. Inventory Valuation</p> <p>Large entities use the FIFO (First In, First Out) method for inventory valuation. Small entities may use the LIFO (Last In, First Out) method, which can provide a tax advantage in periods of rising prices.</p>	<p>2. Inventory Valuation</p> <p>Small entities may use the LIFO (Last In, First Out) method for inventory valuation, which can provide a tax advantage in periods of rising prices.</p>
<p>3. Depreciation</p> <p>Large entities use the MACRS (Modified Accelerated Cost Recovery System) for depreciation. Small entities may use the straight-line method for depreciation.</p>	<p>3. Depreciation</p> <p>Small entities may use the straight-line method for depreciation.</p>
<p>4. Lease Accounting</p> <p>Large entities use the ASC 842 (Leases) for lease accounting. Small entities may use the ASC 840 (Leases) for lease accounting.</p>	<p>4. Lease Accounting</p> <p>Small entities may use the ASC 840 (Leases) for lease accounting.</p>
<p>5. Goodwill Impairment</p> <p>Large entities use the ASC 350 (Intangible Assets) for goodwill impairment testing. Small entities may use the ASC 350 (Intangible Assets) for goodwill impairment testing.</p>	<p>5. Goodwill Impairment</p> <p>Small entities may use the ASC 350 (Intangible Assets) for goodwill impairment testing.</p>

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)	(\$)	0.00
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2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

			Extra Claims		Fee from below		Fee Paid
Total Claims	15	20	0	x		=	
Independent Claims	4	3	1	x	86.00	=	86.00
Multiple Dependent						=	

Large Entity	Small Entity
<p>1. Revenue Recognition</p> <p>Large entities use the percentage of completion method for long-term contracts, recognizing revenue as work progresses. Small entities often use the cost of sales method, recognizing revenue only when the contract is completed.</p>	<p>1. Revenue Recognition</p> <p>Small entities often use the cost of sales method for long-term contracts, recognizing revenue only when the contract is completed.</p>
<p>2. Inventory Valuation</p> <p>Large entities use the FIFO (First In, First Out) method for inventory valuation. Small entities may use the LIFO (Last In, First Out) method, which can provide a tax advantage in periods of rising prices.</p>	<p>2. Inventory Valuation</p> <p>Small entities may use the LIFO (Last In, First Out) method for inventory valuation, which can provide a tax advantage in periods of rising prices.</p>
<p>3. Depreciation</p> <p>Large entities use the MACRS (Modified Accelerated Cost Recovery System) for depreciation. Small entities may use the straight-line method for depreciation, which is simpler but may result in higher taxable income in the early years of an asset's life.</p>	<p>3. Depreciation</p> <p>Small entities may use the straight-line method for depreciation, which is simpler but may result in higher taxable income in the early years of an asset's life.</p>
<p>4. Bad Debt Expense</p> <p>Large entities use the allowance method for bad debt expense, estimating the amount of uncollectible accounts at the end of each period. Small entities may use the direct write-off method, recognizing bad debt expense only when an account is determined to be uncollectible.</p>	<p>4. Bad Debt Expense</p> <p>Small entities may use the direct write-off method for bad debt expense, recognizing bad debt expense only when an account is determined to be uncollectible.</p>
<p>5. Lease Accounting</p> <p>Large entities use the ASC 842 (Leases) for lease accounting, recognizing lease liabilities and assets on the balance sheet. Small entities may use the ASC 840 (Leases), which allows for the use of the operating lease method, where lease payments are recognized as expense over the lease term.</p>	<p>5. Lease Accounting</p> <p>Small entities may use the ASC 840 (Leases) for lease accounting, recognizing lease liabilities and assets on the balance sheet. Small entities may use the operating lease method, where lease payments are recognized as expense over the lease term.</p>

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)	(\$)	86.00
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****or number previously paid, if greater; For Reissues, see above**

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge – late filing fee or oath	
1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	420.00
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive – unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)	(\$)	420.00
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SUBMITTED BY

Name (Print/Type) **Thomas J. D'Amico**

Registration No.
(Attorney/Agent)

28.371

Complete (if applicable)

Telephone (202) 828-2232

Signature

Date _____

February 12, 2004



Docket No.: M4065.0353/P353-A
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Gurtej Sandhu, et al.

Examiner: Karla Moore

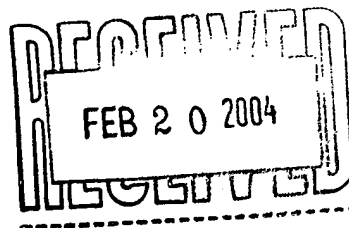
Application No.: 09/982,954

Art Unit: 1753

Filed: October 22, 2001

For: ATOMIC LAYER DOPING APPARATUS
AND METHOD

AMENDMENT



Commissioner for Patents
MS: Non-Fee Amendment
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated September 12, 2003, please amend the above-identified U.S. patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 6 of this paper.

02/17/2004 WABRHAM1 00000092 09982954

01 FC:1201

86.00 OP